753-65_PCT-US_revised_sequenc_ listing_ST25.txt SEQUENCE LISTING

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       POLYPHOR LTD.
       Universitaet Zuerich
       Template fixed beta-hairpin mimetics and their use in phage
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       neurotoxicity, see Proc. Natl. Am. Soc. USA, 1996, 96, 4143-4148.
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753-65_PCT-US_revised_sequenc_ listing_ST25.txt

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753-65_PCT-US_revised_sequenc_ listing_ST25.txt
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          9
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753-65_PCT-US_revised_sequenc_ listing_ST25.txt

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        Hairpin mimetic derived from the general formula R1-Cys-Z-Cys-R2 wherein the alpha amino group of the first amino acid is
<223>
        acetylated, wherein Z consists of 10 amino acids, and wherein
        both R1 and R2 consist of 2 amino acids.
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<212>
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        Artificial Sequence
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        Hairpin mimetic derived from the general formula R1-Cys-Z-Cys-R2 wherein the alpha amino group of the first amino acid is
<223>
        acetylated, wherein z consists of 10 amino acids, and wherein
        both R1 and R2 consist of 2 amino acids.
<220>
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753-65_PCT-US_revised_sequenc_ listing_ST25.txt
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<223>
        acetylated, wherein z consists of 10 amino acids, and wherein
        both R1 and R2 consist of 2 amino acids.
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        ACETYLATION
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        both R1 and R2 consist of 2 amino acids.
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<211>

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753-65_PCT-US_revised_sequenc_ listing_ST25.txt
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         both R1 and R2 consist of 3 amino acids.
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Lys Val Gly Cys Thr Lys Trp Phe Leu Ala His Tyr Ala Thr Cys Gly
10 15
Leu Glu
<210>
         19
<211>
         18
<212>
         PRT
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Page 7

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<213>
         Artificial Sequence
<220>
         Hairpin mimetic derived from the general formula R1-Cys-Z-Cys-R2 wherein the alpha amino group of the first amino acid is
<223>
          acetylated, wherein Z consists of 10 amino acids, and wherein
          both R1 and R2 consist of 3 amino acids.
<220>
         MOD_RES
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<223>
         ACETYLATION
<220>
<221>
         DISULFID
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Gly Gly
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         14
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         Artificial Sequence
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<220>
         Hairpin mimetic derived from the general formula Cys-Z-Cys wherein the alpha amino group of the first amino acid is acetylated and wherein Z consists of 12 amino acids.
<223>
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         Artificial Sequence
<220>
         Hairpin mimetic derived from the general formula R1-Cys-Z-Cys-R2 wherein the alpha amino group of the first amino acid is acetylated, wherein Z consists of 12 amino acids, and wherein
<223>
                                                        Page 8
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753-65_PCT-US_revised_sequenc_ listing_ST25.txt

$753\text{-}65_PCT\text{-}US_revised_sequenc_\ listing_ST25.txt$ both R1 and R2 consist of 2 amino acids.

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<221>
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         (1)..(1)
<223>
         ACETYLATION
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<221>
         DISULFID
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         (3)..(16)
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Thr Lys
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<212>
        PRT
<213>
        Artificial Sequence
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<213>
        Artificial Sequence
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<223>
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Lys Trp Phe Ser Asn His Tyr Gln
1 5
<210>
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<212>
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         Artificial Sequence
<220>
         Core peptide sequence Z constructed from peptide with the SEQ ID
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         NO:25.
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753-65_PCT-US_revised_sequenc_ listing_ST25.txt
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<212>
       PRT
<213>
       Artificial Sequence
<220>
<223>
       Oligopeptide which does not contain a dedicated stabilizing
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       Y., Fasman, G. D., J. Mol. Biol, 1977, 115, 135-175.
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Leu Trp Tyr Ser Asn His Trp Val Lys Trp
<210>
       26
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       39
<212>
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<213>
       Artificial Sequence
<220>
<223>
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       template fixed hairpin mimetic of SEQ ID NO:10 and used to
       construct insert DNA coding for randomized library template fixed
       beta-hairpin mimetics having sequences according to SEQ ID NO:42.
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       27
<211>
       84
<212>
       DNA
       Artificial Sequence
<213>
<220>
<223>
       Oligonucleotide No. 2 used to construct insert DNA coding for
       template fixed hairpin mimetic of SEQ ID NO:10.
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gtgcaggttt cagagtgaga atag
                                                                          84
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       28
<211>
       30
<212>
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       Artificial Sequence
<213>
<220>
       DNA sequence coding for the peptide shown in SEQ ID NO:8.
<223>
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753-65_PCT-US_revised_sequenc_ listing_ST25.txt
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       Artificial Sequence
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      DNA sequence coding for the peptide shown in SEQ ID NO:15.
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       48
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<212>
       DNA
<213>
      Artificial Sequence
<220>
<223>
      DNA sequence coding for the peptide shown in SEQ ID NO.16.
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       54
<212>
      DNA
<213>
      Artificial Sequence
<220>
<223>
      DNA sequence coding for the peptide shown in SEQ ID NO:17.
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<211>
       54
<212>
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      Artificial Sequence
<213>
<220>
<223>
      DNA sequence coding for the peptide shown in SEQ ID NO:18.
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       39
       54
<211>
<212>
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753-65_PCT-US_revised_sequenc_ listing_ST25.txt
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       Artificial Sequence
<213>
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       54
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       Artificial Sequence
<213>
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       42
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       48
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       Artificial Sequence
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       Phage library.
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753-65_PCT-US_revised_sequenc_ listing_ST25.txt
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       (37)..(38)
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gaaacctgcn nknnknnkcg tggtgacnnk nnknnknnkt gcaccaaa
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       43
<211>
       16
<212>
       PRT
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       Translated protein sequence of a randomized template fixed
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<220>
<221>
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       (4)..(6)
       Xaa can be any naturally occurring amino acid
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<220>
<221>
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       44
       84
<211>
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<223> n is a, c, g, or t
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753-65_PCT-US_revised_sequenc_ listing_ST25.txt
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